ATLAS ENVIRONMENTAL ENGINEERING, INC.
LICENSE NUMBER 729641

May 6, 2005

Information Technology Unit
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

RE: **King's Auto Repair**
12005 E. South Street
Artesia, California
Self-Monitoring Report for 1st Quarter 2005
Groundwater Remediation System
CI #8797

Dear Sirs:

On behalf of the property owner, Atlas Environmental Engineering, Inc. (ATLAS) has completed the attached monitoring report, which summarizes groundwater treatment system operation at the subject site for the 1st Quarter 2005. The monthly sampling and analyses of the effluent water has produced less than detectable levels or levels below NPDES requirements for TPHg, BTEX, MTBE and TBA. In addition, intermediate water samples are collected on a weekly basis in order to detect potential breakthrough of the primary carbon canister. A total of 19,852 gallons of groundwater was recovered and treated during this reporting period.

I certify under the penalty of law that this document and all attachments are prepared under my direction in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquires of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations. If you have any questions, please contact me at (714) 890-7129.

Very truly yours,
ATLAS ENVIRONMENTAL ENGINEERING, INC.

Lloyd Guss, P.G. (7034)
Project Manager/Senior Geologist

cc: Mr. Norman J. Shafer, King's Auto Repair (w/ 2 enclosures)

1st QUARTER 2005
SELF-MONITORING REPORT
Groundwater Remediation System
King's Auto Repair
12005 E. South Street
Artesia, California

California Regional Water Quality Control Board
Los Angeles Region
CI #8797

May 6, 2005

Prepared for

Mr. Norman J. Shafer
KING'S AUTO REPAIR
500 N. The Strand, #41
Oceanside, California 92054

Prepared by

ATLAS ENVIRONMENTAL
ENGINEERING, INC.
15701 Chemical Lane
Huntington Beach, CA 92649
(714) 890-7129

ATLAS ENVIRONMENTAL ENGINEERING, INC.
LICENSE NUMBER 729641

1st QUARTER 2005
SELF-MONITORING REPORT
Groundwater Remediation System
King's Auto Repair
12005 E. South Street
Artesia, California

Introduction

Atlas Environmental Engineering, Inc. (ATLAS) is pleased to submit this report describing the operation, maintenance and NPDES sampling for the groundwater treatment system at the subject site. ATLAS has provided all system data and reporting for the treatment unit at the site. A vicinity map and site plan, which depict the treatment system location, are included as Figure 1 and 2 in **Appendix A**.

Analytical Results

Following system check, ATLAS started the unit and began discharging on October 7, 2004. Since that time, samples of the effluent and intermediate water are collected on a weekly basis and influent water is sampled on a monthly basis. Please note, the most recent day of system operation and discharge was January 11, 2005. Therefore, weekly sampling was performed twice in the January for this reporting period.

The water samples were analyzed by Southland Technical Services, Inc. The effluent water sample was analyzed for total petroleum hydrocarbon as gasoline (TPHg), volatile organic compounds (VOCs) plus fuel oxygenates, lead, pH, temperature, total suspended solids (TSS), turbidity, BOD, settleable solids, sulfides, phenols, residual chlorine, methylene blue active substance (MBAS), and oil and grease by EPA Methods 8015M, 8260B, 7421, 150.1, 160.2, 180.1, 405.1, 160.5, 376.1, 420.1, 325.3, 425.1, and 413.2. Intermediate and influent water samples were analyzed for TPHg and VOCs plus fuel oxygenates by EPA Methods 8015M and 8260B.

Southland Technical Services, Inc. and its subcontracted laboratories, are approved for these analyses by the California Department of Health Services. The complete laboratory reports and chain-of-custody forms are presented in **Appendix B**.

The effluent water sample concentrations did not exceed laboratory detection limits for all constituents analyzed, with the exception of TSS at 3.3 mg/L and BOD at 9.2 mg/L. The temperature was 65°F and pH value was 7.73. A summary of the analytical results is included as **Table 1**, and complete laboratory reports are included in **Appendix B**.

All intermediate water samples indicate TPHg, VOCs and fuel oxygenate concentrations below laboratory detection limits. A summary of the intermediate sample results is included as **Table 2**, and a complete laboratory report is included in **Appendix B**.

Laboratory results of the influent water sample reveal concentrations of TPHg at 1,100 μg/L; BTEX ranging from 6.9 μg/L to 84.3 μg/L; and Naphthalene at 2.6 μg/. A summary of the influent sample results is included as **Table 3**, and a complete laboratory report is included in **Appendix B**.

Operation and Maintenance

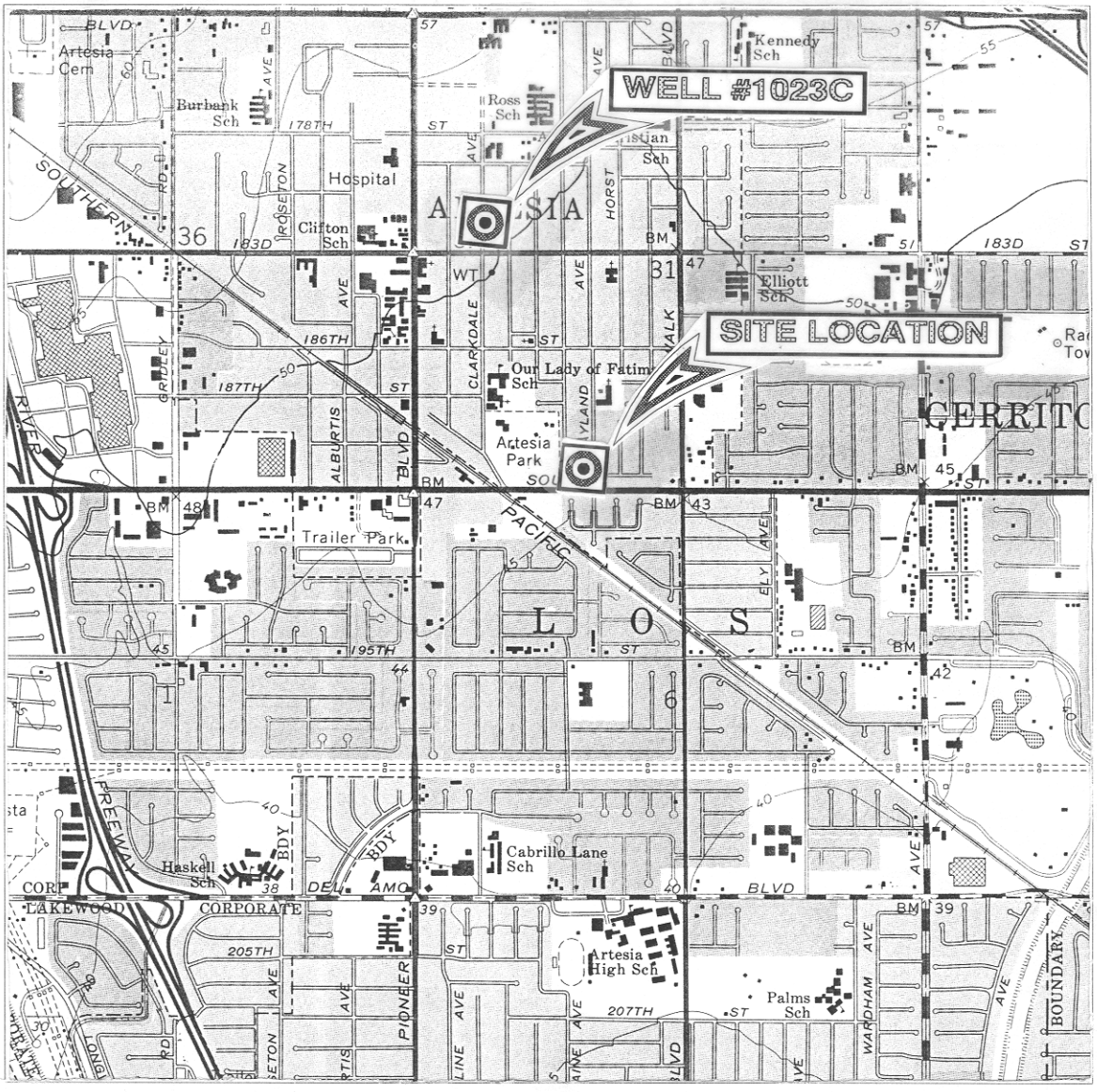
A Project Status Report is maintained for weekly site visits by ATLAS personnel. A copy of this report is included in **Appendix C**. During this reporting period, the treatment unit was operating from December 31, 2004 to January 11, 2005. The cumulative flow through the treatment system, hours of operation and operating parameters are recorded on the Project Status Reports. On December 31, 2004, the flow meter reading was 71,789 and as of January 11, 2005, the flow meter reading was 91,641. A total of 19,852 gallons of groundwater was recovered and treated during this reporting period. The average extraction rate during operation was about 1,805 gallons per day or approximately 1.25 gallons per minute, which is below NPDES limits.

Carbon Change Out

Since starting the unit on October 7, 2004, no carbon drum replacement has been required. When carbon drum replacement is necessary, the secondary canister will be moved to the primary position. The tertiary canister will be moved to the secondary position, and the new canister placed in the tertiary position. Carbon replacement will be conducted as needed, based on analytical results, system configuration, and volume of water remediated by the system.

Attachments: APPENDICES (A, B, C)

APPENDIX A



SCALE: 1=24000 (APROX.)

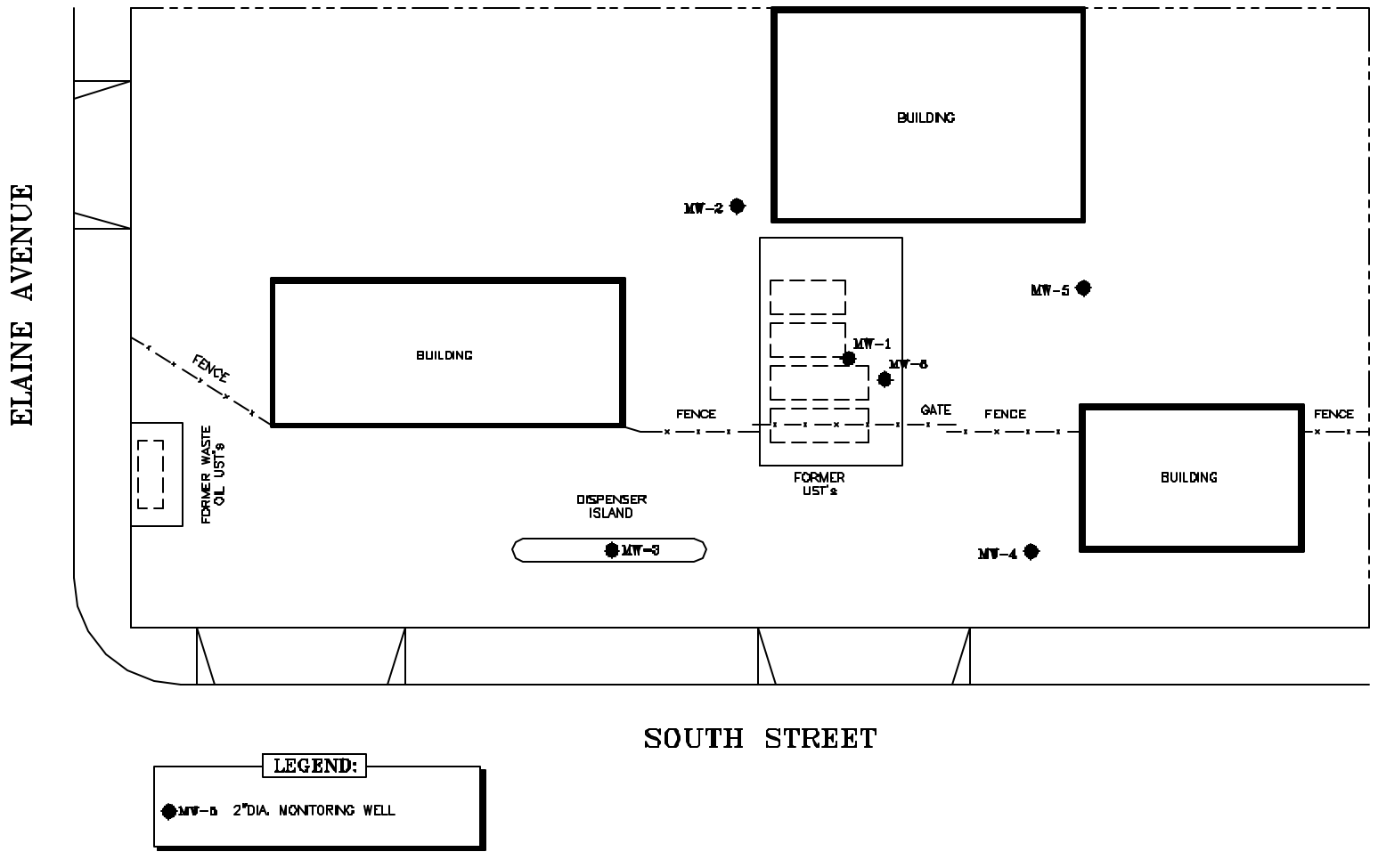
SITE LOCATION MAP

KING'S AUTO

12005 SOUTH STREET
ARTESIA, CALIFORNIA

NORTH

FIGURE 1



Design By: Adapted from SHAFER provided map

Drawn By: S.P.
Date: 04/15/2004

ATLAS ENVIRONMENTAL ENGINEERING, INC.
6122 BOLSA AVE, SUITE 107
HUNTINGTON BEACH, CA 92648
PHONE (714) 890-7129
* Environmental Products and Services * Site Assessment and Remediation
* Air/Water/Soil Permitting and Monitoring * Hazardous Waste Management

NORTH

0 SCALE 30'
(APPROXIMATE DIMENSIONS)

KING'S AUTO

12005 SOUTH STREET
ARTESIA, CA

SITE PLAN

BORINGS/WELLS

DRAWING NUMBER: KAR-Q-F2

FIGURE 2

1

1

APPENDIX B

Southland Technical Services, Inc.
Environmental Laboratories

01-11 -2005

Mr. Constantin Tuculescu
Atlas Environmental Engineering, Inc.
15701 Chemical Lane
Huntington Beach, CA 92649

Project: King's Auto Repair
Project Site: 12005 South Street., Artesia, CA.
Sample Date: 01-07-2005
Lab Job No.: R501026

Dear Mr. Tuculescu:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 01-07-2005 and analyzed for the following parameters:

EPA 8015M (Gasoline)
EPA 8260B (BTEX & Oxygenates by GC/MS)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is a CA DHS certified laboratory (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

01-11 -2005

Client:	Atlas Environmental Engineering Inc.	Lab Job No.:	R501026
Project:	King's Auto Repair		
Project Site:	12005 South Street., Artesia, CA.	Date Sampled:	01-07-2005
Matrix:	Water	Date Received:	01-07-2005
Batch No.:	0107-VOBW	Date Analyzed:	01-07-2005

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: µg/L (ppb)

Lab ID	Method Blank	R501026-1	R501026-2				MDL
Sample ID		Effluent	Intermediate				
DF	1	1	1				
Benzene	ND	ND	ND				1
Toluene	ND	ND	ND				1
Ethylbenzene	ND	ND	ND				1
Total Xylenes	ND	ND	ND				2
MTBE	ND	ND	ND				2
ETBE	ND	ND	ND				2
DIPE	ND	ND	ND				2
TAME	ND	ND	ND				2
T-Butyl Alcohol	ND	ND	ND				10

ND: Not Detected (below RL)

01-11 -2005

Client:	Atlas Environmental Engineering Inc.	Lab Job No.:	R501026
Project:	King's Auto Repair		
Project Site:	12005 South Street., Artesia, CA.	Date Sampled:	01-07-2005
Matrix:	Water	Date Received:	01-07-2005
Batch No.:	BMA07-GW1	Date Analyzed:	01-07-2005

EPA Method 8015m (Gasoline)
Reporting Units: µg/L (ppb)

Sample ID	Lab ID	Gasoline Range TPH	Reporting Limit
Method Blank		ND	50
Effluent	R501026-1	ND	50
Intermediate	R501026-2	ND	50

* Gasoline Range TPH are hydrocarbons in the range of C4 - C12.

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).

ND: Not Detected (at the specified limit)

01-11 -2005

EPA 8015M
Batch QA/QC Report

Client:	Atlas Environmental Engineering, Inc.	Lab Job No.:	R501026
Project:	King's Auto Repair		
Matrix:	Water	Lab Sample ID:	R501026-1
Batch No.:	BMA07-GW1	Date Analyzed:	01-07-2005

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	1000	1,110	943	111.0	94.3	16.3	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	Accept. Limit
TPH-g	807	1,000	80.7	80-120

ND: Not Detected

01-11 -2005

EPA 8260B
Batch QA/QC Report

Client:	Atlas Environmental Engineering, Inc.	Lab Job No.:	R501026
Project:	King's Auto Repair		
Matrix:	Water	Lab Sample ID:	R501026-1
Batch No:	0107-VOBW	Date Analyzed:	01-07-2005

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	17.7	20.5	88.5	102.5	14.7	30	70-130
Benzene	ND	20	18.7	22.3	93.5	111.5	17.6	30	70-130
Trichloro-ethene	ND	20	20.5	25.1	102.5	125.5	20.2	30	70-130
Toluene	ND	20	18.7	25.1	93.5	125.5	29.2	30	70-130
Chlorobenzene	ND	20	20.7	24.7	103.5	123.5	17.6	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	17.0	20	91.0	80-120
Benzene	17.2	20	107.0	80-120
Trichloro-ethene	19.0	20	90.0	80-120
Toluene	16.2	20	107.0	80-120
Chlorobenzene	20.1	20	100.5	80-120

ND: Not Detected.

RB01026

ATLAS ENVIRONMENTAL ENGINEERING, INC.

CHAIN OF CUSTODY FORM

P.O. NUMBER:	SITE/PROJECT NAME:
	KING'S AUTO REPAIR
JOB NUMBER:	SITE/PROJECT LOCATION:
KAR-PT	

SAMPLER(S) SIGNATURE

SAMPLE NUMBER (I.D.)	YEAR 2002 DATE MM/DD	TIME AM/PM	DEPTH BELOW GRADE (ft)	NO. OF CONTAINERS	WATER SAMPLES — ANALYTICAL METHOD: TPHG 8015M	BTEX OXYGENATES 8260B	NAPTHALENE LEAD SULFIDES PHENOLS RESID. CHLORINE MBAS Ethylene Dibromide	OIL/GREASE BOD TURBIDITY TSS	TEMPERATURE pH	REMARKS
EFFLUENT	1/7/05	11:00	..	3	X	X				RB01026-1
INTERMEDIATE	1/7/05	11:10	..	3	X	X				" 2

SUBMIT RESULTS TO:

ATLAS ENVIRONMENTAL ENG.
15701 CHEMICAL LANE
HUNTINGTON BEACH, CA 92649

ATTN: CONSTANTIN TUCULESCU
PHONE NO. (714) 890-7129
FAX NO. (714) 890-7149

SAMPLES INTACT: YES...✓... NO.....
SAMPLES PROPERLY COOLED: YES...✓... NO.....
TEMPERATURE STORED: 4°C
PRESERVATIVES ADDED: YES...✓...NO.....TYPE:
SAMPLES ACCEPTED: YES...✓... NO.....
IF NOT, WHY: _____

SAMPLES PLACED IN LAB REFRIGERATOR
YES...✓... NO..... REP. INITIALS...JZ...

LABORATORY NAME: STS

RELINQUISHED			RECEIVED
RELINQUISHED BY (SIGNATURE)/ COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY
[signature] /ATLAS	1/7/05 11:35	1-7-05 11:35am	Jessica Zang (STS)
RELINQUISHED BY (SIGNATURE)/ COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY
RELINQUISHED BY (SIGNATURE)/ COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY

Southland Technical Services, Inc.
Environmental Laboratories

01-17-2005

Mr. Constantin Tuculescu
Atlas Environmental Engineering, Inc.
15701 Chemical Lane
Huntington Beach, CA 92649

Project: King's Auto Repair
Project Site: 12005 South Street., Artesia, CA.
Sample Date: 01-11-2005
Lab Job No.: R501040

Dear Mr. Tuculescu:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 01-11-2005 and analyzed for the following parameters:

EPA 8015M (Gasoline)
EPA 8260B (VOCs & Oxygenates by GC/MS)
EPA 150.1 (pH)
EPA 160.2 (Total Suspended Solids)
EPA 7421 (Total Lead)
EPA 413.2 (Oil & grease)
EPA 160.5 (Settleable Solids)
EPA 180.1 (Turbidity)
EPA 405.1 (BOD)
EPA 376.1 (Sulfide)
EPA 425.1 (MBAS)
EPA 325.3 (Chloride)
EPA 420.1 (Phenolics)

EPA 160.5, 180.1, 405.1, 376.1, 425.1, 325.3 and 420.1 were subcontracted to Americhem Testing Laboratory, ELAP No. 1758.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is a CA DHS certified laboratory (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director
Enclosures

This cover letter is an integral part of this analytical report.

01-17-2005

Client:	Atlas Environmental Engineering Inc.	Lab Job No.:	R501040
Project:	King's Auto Repair		
Project Site:	12005 South Street., Artesia, CA.	Date Sampled:	01-11-2005
Matrix:	Water	Date Received:	01-11-2005
Batch No.:	BMA11-GW1	Date Analyzed:	01-11-2005

EPA Method 8015m (Gasoline)
Reporting Units: µg/L (ppb)

Sample ID	Lab ID	Gasoline Range TPH	Reporting Limit
Method Blank		ND	50
Effluent	R501040-1	ND	50
Intermediate	R501040-2	ND	50
Influent	R501040-3	1,100	50

* Gasoline Range TPH are hydrocarbons in the range of C4 - C12.

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).

ND: Not Detected (at the specified limit)

Client:	Atlas Environmental Engineering Inc.	Lab Job No.:	R501040
Project:	King's Auto Repair		
Project Site:	12005 South Street., Artesia, CA.	Date Sampled:	01-11-2005
Matrix:	Water	Date Received:	01-11-2005
Preparation Method:	EPA 3010	Date Prepared:	01-11-2005
Batch No.:	0119-MW1	Date Analyzed:	01-19-2005
		Date Reported:	01-19-2005

EPA Method 7421(Total Lead)
Reporting Units: ug/L (ppb)

Sample ID	Lab ID	Total Lead	Reporting Limit
Method Blank		ND	5
Effluent	R501040-1	ND	5

ND: Not Detected (below RL)

Client: Atlas Environmental Engineering Inc. Lab Job No.: R501040 Date Reported: 01-17-2005
Project: King's Auto Repair Matrix: Water Date Sampled: 01-11-2005

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit: µg/L (ppb)

DATE ANALYZED			01-11-05	01-11-05	01-11-05	01-11-05	
DILUTION FACTOR (DF)			1	1	1	1	
LAB SAMPLE I.D.				R501040-1	R501040-2	R501040-3	
CLIENT SAMPLE I.D.				Effluent	Intermediate	Influent	
COMPOUND	**MDL**	**PQL**	MB				
Dichlorodifluoromethane	2	5	ND	ND	ND	ND	
Chloromethane	2	5	ND	ND	ND	ND	
Vinyl Chloride	2	2	ND	ND	ND	ND	
Bromomethane	2	5	ND	ND	ND	ND	
Chloroethane	2	5	ND	ND	ND	ND	
Trichlorofluoromethane	2	5	ND	ND	ND	ND	
1,1-Dichloroethene	2	5	ND	ND	ND	ND	
Iodomethane	2	5	ND	ND	ND	ND	
Methylene Chloride	5	10	ND	ND	ND	ND	
trans-1,2-Dichloroethene	2	5	ND	ND	ND	ND	
1,1-Dichloroethane	2	5	ND	ND	ND	ND	
2,2-Dichloropropane	2	5	ND	ND	ND	ND	
cis-1,2-Dichloroethene	2	5	ND	ND	ND	ND	
Bromochloromethane	2	5	ND	ND	ND	ND	
Chloroform	2	5	ND	ND	ND	ND	
1,2-Dichloroethane	2	5	ND	ND	ND	ND	
1,1,1-Trichloroethane	2	5	ND	ND	ND	ND	
Carbon tetrachloride	2	5	ND	ND	ND	ND	
1,1-Dichloropropene	2	5	ND	ND	ND	ND	
Benzene	1	1	ND	ND	ND	7.4	
Trichloroethene	2	2	ND	ND	ND	ND	
1,2-Dichloropropane	2	5	ND	ND	ND	ND	
Bromodichloromethane	2	5	ND	ND	ND	ND	
Dibromomethane	2	5	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	2	5	ND	ND	ND	ND	
cis-1,3-Dichloropropene	2	5	ND	ND	ND	ND	
1,1,2-Trichloroethane	2	5	ND	ND	ND	ND	
1,3-Dichloropropane	2	5	ND	ND	ND	ND	
Dibromochloromethane	2	5	ND	ND	ND	ND	
2-Chloroethylvinyl ether	5	10	ND	ND	ND	ND	
Bromoform	2	5	ND	ND	ND	ND	
Isopropylbenzene	2	5	ND	ND	ND	ND	
Bromobenzene	2	5	ND	ND	ND	ND	
Toluene	1	1	ND	ND	ND	29.5	
Tetrachloroethene	2	2	ND	ND	ND	ND	

Client: Atlas Environmental Engineering Inc. Lab Job No.: R501040 Date Reported: 01-17-2005
Project: King's Auto Repair Matrix: Water Date Sampled: 01-11-2005

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit: ppb

COMPOUND	MDL	PQL	MB	Effluent	Intermediate	Influent	
1,2-Dibromoethane(EDB)	2	5	ND	ND	ND	ND	
Chlorobenzene	2	5	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethan	2	5	ND	ND	ND	ND	
Ethylbenzene	1	1	ND	ND	ND	6.9	
Total Xylenes	2	2	ND	ND	ND	84.3	
Styrene	2	5	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	2	5	ND	ND	ND	ND	
1,2,3-Trichloropropane	2	5	ND	ND	ND	ND	
n-Propylbenzene	2	5	ND	ND	ND	15.2	
2-Chlorotoluene	2	5	ND	ND	ND	ND	
4-Chlorotoluene	2	5	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	2	5	ND	ND	ND	16.5	
tert-Butylbenzene	2	5	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	2	5	ND	ND	ND	19.4	
Sec-Butylbenzene	2	5	ND	ND	ND	ND	
1,3-Dichlorobenzene	2	5	ND	ND	ND	ND	
p-Isopropyltoluene	2	5	ND	ND	ND	ND	
1,4-Dichlorobenzene	2	5	ND	ND	ND	ND	
1,2-Dichlorobenzene	2	5	ND	ND	ND	ND	
n-Butylbenzene	2	5	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	2	5	ND	ND	ND	ND	
1,2-Dibromo-3-Chloropropane	2	5	ND	ND	ND	ND	
Hexachlorobutadiene	2	5	ND	ND	ND	ND	
Naphthalene	2	2	ND	ND	ND	2.6	
1,2,3-Trichlorobenzene	2	5	ND	ND	ND	ND	
Acetone	25	25	ND	ND	ND	ND	
2-Butanone (MEK)	25	25	ND	ND	ND	ND	
4-Methyl-2-pentanone (MIBK)	25	25	ND	ND	ND	ND	
1,4-Dioxane	50	50	ND	ND	ND	ND	
Acrolein	50	50	ND	ND	ND	ND	
Acrylonitrile	50	50	ND	ND	ND	ND	
MTBE	2	2	ND	ND	ND	ND	
ETBE	2	2	ND	ND	ND	ND	
DIPE	2	2	ND	ND	ND	ND	
TAME	2	2	ND	ND	ND	ND	
T-Butyl Alcohol	10	10	ND	ND	ND	ND	

MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected (below DF × MDL); * Obtained with a higher dilution analysis.

Cient:	Atlas Environmental Engineering Inc.	Lab Job No.:	R501040
Project:	King's Auto Repair		
Project Site:	12005 South Street., Artesia, CA.	Date Sampled:	01-11-2005
Matrix:	Water	Date Received:	01-11-2005
		Date Reported:	01-17-2005
Sample ID:	Effluent	Lab Sample ID:	R501040-1

Analytical Test Results
Reporting Unit: mg/L (ppm)

Analyte	Method	Date Analyzed	Reporting Unit	Results	Reporting Limit
pH	150.1	01-11-2005	Units	7.73	----
Temperature		01-11-2005	^{O}F	65	----
TSS	160.2	01-12-2005	mg/L	3.3	1.0
TRPH	418.1	01-11-2005	mg/L	ND	0.5
Oil & grease	413.2	01-11-2005	mg/L	ND	0.5
Settleable Solids	160.5	01-13-2005	mL/L	0.12	0.1
Turbidity	180.1	01-13-2005	NTU	<5	5
BOD	405.1	01-17-2005	mg/l	9.2	1.0
Sulfide	376.1	01-13-2005	mg/l	<0.05	0.05
MBAS	425.1	01-13-2005	mg/l	ND	0.025
Phenolics	420.1	01-13-2005	mg/l	ND	0.005
Chloride	325.3	01-13-2005	mg/l	ND	0.1

ND: Not Detected (at the specified limit).

01-17-2005

EPA 8015M
Batch QA/QC Report

Client:	Atlas Environmental Engineering, Inc.	Lab Job No.:	R501040
Project:	King's Auto Repair		
Matrix:	Water	Lab Sample ID:	ST0111-1
Batch No:	BMA11-GW1	Date Analyzed:	01-11-2005

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	1,000	795	798	79.5	79.8	0.4	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	Accept. Limit
TPH-g	1,020	1,000	102.0	80-120

ND: Not Detected (at the specified limit)

01-17-2005

EPA 8260B
Batch QA/QC Report

Client:	Atlas Environmental Engineering, Inc.	Lab Job No.:	R501040
Project:	King's Auto Repair		
Matrix:	Water	Lab Sample ID:	ST0111-1
Batch No:	0111-VOBW	Date Analyzed:	01-11-2005

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	16.9	15.0	84.5	75.0	11.9	30	70-130
Benzene	ND	20	17.7	14.2	88.5	71.0	21.9	30	70-130
Trichloro-ethene	ND	20	18.4	16.0	92.0	80.0	14.0	30	70-130
Toluene	ND	20	18.5	14.0	92.5	70.0	27.7	30	70-130
Chlorobenzene	ND	20	19.5	16.2	97.5	81.0	18.5	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	42.5	50.0	85.0	80-120
Benzene	43.6	50.0	87.2	80-120
Trichloro-ethene	46.7	50.0	93.4	80-120
Toluene	49.2	50.0	98.4	80-120
Chlorobenzene	50.8	50.0	101.6	80-120

ND: Not Detected.

01-17-2005

EPA 7421
Batch QA/QC Report

Client:	Atlas Environmental Engineering, Inc.	Lab Job No.:	R501040
Project:	King's Auto Repair		
Matrix:	Water	Lab Sample ID:	ST0119-1
Batch No:	0119-MW1	Date Analyzed:	01-19-2005

LCS/LCSD Report
Unit: ppb

Analyte	Sample Conc.	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Total Lead	ND	118.0	113.0	4.3	30	70-130

ND: Not Detected (at the specified limit)

ATLAS ENVIRONMENTAL ENGINEERING, INC.

CHAIN OF CUSTODY FORM

R501040

P.O. NUMBER:

SITE/PROJECT NAME: KING'S AUTO REPAIR

JOB NUMBER: KAR-PT

SITE/PROJECT LOCATION:

SAMPLER(S) SIGNATURE:

WATER SAMPLES

ANALYTICAL METHOD

SAMPLE NUMBER (I.D.)	YEAR 2002 DATE MM/DD	TIME AM/PM	DEPTH BELOW GRADE (ft)	NO. OF CONTAINERS	TPHG 8015M	BTEX OXYGENATES 8260B	NAPTHALENE LEAD SULFIDES PHENOLS RESID. CHLORINE MBAS Ethylene Dibromide	OIL/GREASE BOD TURBIDITY TSS	TEMPERATURE pH	REMARKS
EFFLUENT	1/11/05	11:10	..	6	X	X	X	X	X	R501040-1
INTERMEDIATE	1/11/05	11:15	..	3	X	X				-2
INFLUENT	1/11/05	11:25	..	3	X	X				-3

SUBMIT RESULTS TO:

ATLAS ENVIRONMENTAL ENG.
15701 CHEMICAL LANE
HUNTINGTON BEACH, CA 92649

ATTN: CONSTANTIN TUCULESCU
PHONE NO. (714) 890-7129
FAX NO. (714) 890-7149

SAMPLES INTACT: YES..✓.. NO.....

SAMPLES PROPERLY COOLED: YES..✓.. NO.....

TEMPERATURE STORED:

PRESERVATIVES ADDED: YES..✓..NO.....TYPE: HCl

SAMPLES ACCEPTED: YES..✓.. NO.....

IF NOT, WHY: _____

SAMPLES PLACED IN LAB REFRIGERATOR
YES..✓..... NO..... REP. INITIALS..R-L..

LABORATORY NAME: STS

RELINQUISHED			RECEIVED
RELINQUISHED BY (SIGNATURE)/ COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY
ATLAS	1/11/05 12:15	1/11/05 12:15	
RELINQUISHED BY (SIGNATURE)/ COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY
RELINQUISHED BY (SIGNATURE)/ COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY

TABLES

TABLE 1-A

ANALYTICAL RESULTS OF EFFLUENT SAMPLES

King's Auto Repair

Artesia, California

(Concentrations in μg/L)

Date	TPHg	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	TBA	Ethylene dibromide	NAPTH	Lead
10/07/04*	<50	<1	<1	<1	<2	<2	<10	<2	<2	<5
11/18/04*	<50	<1	<1	<1	<2	<2	<10	<2	<2	<5
12/09/04	<50	<1	<1	<1	<2	<2	<10	--	--	--
12/16/04*	<50	<1	<1	<1	<2	<2	<10	<2	<2	<5
12/26/04	<50	<1	<1	<1	<2	<2	<10	--	--	--
12/31/04	<50	<1	<1	<1	<2	<2	<10	--	--	--
01/07/05	**<50**	**<1**	**<1**	**<1**	**<2**	**<2**	**<10**	**--**	**--**	**--**
01/11/05	**<50**	**<1**	**<1**	**<1**	**<2**	**<2**	**<10**	**--**	**<2**	**<5**

μg/L - Micrograms per liter or parts per billion.

* - Monthly Sample as required by NPDES permit

TPHg - Total petroleum hydrocarbons as gasoline by EPA Method 8015M.

MTBE - Methyl Tertiary Butyl Ether by EPA Method 8260

TBA - Tert Butyl Alcohol by EPA Method 8260

NAPTH - Napthalene by EPA Method 8260

-- - Not Applicable and/or available.

< - Constituent less than detection limit stated.

( ) - Analyzed by EPA method 8021B

TABLE 1-B

ANALYTICAL RESULTS OF EFFLUENT SAMPLES

King's Auto Repair

Artesia, California

Date	TSS (mg/L)	Turbidity (NTU)	BOD (mg/L)	Settleable Solids (mL/L)	Sulfides (mg/L)	Phenols (mg/L)	Residual Chlorine (mg/L)	MBAS (mg/L)	Oil and Grease (mg/L)	Temperature °F	pH
10/07/04*	1.1	<5	9	<0.1	<0.05	<0.0005	<1.0	<0.0025	<0.5	77	7.58
11/18/04*	1.1	<5	6.6	0.1	<0.05	<0.005	<1.0	<0.025	<0.5	77	7.58
12/09/04	--	--	--	--	--	--	--	--	--	--	--
12/16/04*	3.2	<5	9.9	<0.1	<0.05	<0.005	142	<0.025	<0.5	77	6.97
12/26/04	--	--	--	--	--	--	--	--	--	--	--
12/31/04	--	--	--	--	--	--	--	--	--	--	--
01/07/05	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
01/11/05	**3.3**	**<5**	**9.2**	**<0.1**	**<0.05**	**<0.005**	**<0.1**	**<0.025**	**<0.5**	**65**	**7.73**

μg/L - Micrograms per liter or parts per billion.

* - Monthly Sample as required by NPDES permit

MBAS - Methylene Blue Active Substance (MBAS)

BOD - Biochemical Oxygen Demand

-- - Not Applicable and/or available.

< - Constituent less than detection limit stated.

( ) - Analyzed by EPA method 8021B

TABLE 2

ANALYTICAL RESULTS OF INTERMEDIATE SAMPLES

King's Auto Repair

Artesia, California

(Concentrations in μg/L)

Date	TPHg	Benzene	Toluene	E-benzene	Xylenes	MTBE	DIPE	TBA	NAPTH	Ethylene dibromide
10/07/04	<50	<1	<1	<1	<2	<2	<2	<10	<2	<2
11/18/04	<50	<1	<1	<1	<2	<2	<2	<10	<2	<2
12/09/04	<50	<1	<1	<1	<2	<2	<2	<10	--	--
12/16/04	<50	<1	<1	<1	<2	<2	<2	<10	<2	<2
12/26/04	70	<1	<1	<1	<2	<2	<2	<10	--	--
12/31/04	<50	<1	<1	<1	<2	<2	<2	<10	--	--
01/07/05	**<50**	**<1**	**<1**	**<1**	**<2**	**<2**	**<2**	**<10**	**--**	**--**
01/11/05	**<50**	**<1**	**<1**	**<1**	**<2**	**<2**	**<2**	**<10**	**<2**	**--**

μg/L - Micrograms per liter or parts per billion.

* - Monthly Sample as required by NPDES permit

TPHg - Total petroleum hydrocarbons as gasoline by EPA Method 8015M.

DIPE - Diisopropyl ether

MTBE - Methyl Tertiary Butyl Ether by EPA Method 8260

TBA - Tert Butyl Alcohol by EPA Method 8260

NAPTH - Napthalene by EPA Method 8260

-- - Not Applicable and/or available.

< - Constituent less than detection limit stated.

( ) - Analyzed by EPA method 8021B

TABLE 3

ANALYTICAL RESULTS OF INFLUENT SAMPLES
King's Auto Repair
Artesia, California

(Concentrations in μg/L)

Date	TPHg	Benzene	Toluene	E-benzene	Xylenes	MTBE	DIPE	TBA	NAPTH	Ethylene Dibromide
11/18/04	4110	<1	<1	<1	2040	<2	<2	<10	3.8	<2
12/16/04	1730	11.7	53.6	16.6	341	<2	<2	18.4	48.6	<2
01/11/05	**1100**	**7.4**	**29.5**	**6.9**	**84.3**	**<2**	**<2**	**<10**	**2.6**	**--**

μg/L - Micrograms per liter or parts per billion.
* - Monthly Sample as required by NPDES permit
TPHg - Total petroleum hydrocarbons as gasoline by EPA Method 8015M.
DIPE - Diisopropyl ether
MTBE - Methyl Tertiary Butyl Ether by EPA Method 8260
TBA - Tert Butyl Alcohol by EPA Method 8260
NAPTH - Napthalene by EPA Method 8260
-- - Not Applicable and/or available.
< - Constituent less than detection limit stated.
( ) - Analyzed by EPA method 8021B

APPENDIX C

PROJECT STATUS SHEETS (DPE)	
Site: King's Auto Repair	Date: 9/30/04 to 01/11/05
Location: 12005 South Street, Artesia, CA	Weather: N/A
Personnel: JP/EcoVac	Equipment: V4, I.C. Engine/V3, I.C. Engine
Recovery Well: MW-1 and MW-6	Well Dia./Screen Interval: 2"/ 5' to 25'

RECOVERY WELL DATA

Date	Engine Hours	Inlet Vapor Concentrations (ppmv)	Vacuum (Inches of Water)	Flow (CFM)	Water Meter	Comments
09/30/04	8144	3400	174	41	--	Use V4 Engine (VES operation)
10/7/04	8211	780	184	32	1890	VES System down due to pipe repair/restart.
10/11/04	8283	590	201	34	13171	Remove V4 unit/replace carbon drums/project down
10/22/04	6330	1700	48	21	13171	Start up V3 system in VES until carbon drums are replaced.
10/28/04	6446	270	35	22	13171	VES only
11/03/04	6589	230	40	22	13171	VES only
11/09/04	6729	110	37	22	13171	DPE start
11/16/04	6897	190	137	36	24056	DPE
11/24/04	6994	160	127	33	26645	DPE
12/01/04	6999	260	153	31	27081	DPE
12/09/04	7063	210	144	34	32481	DPE
12/16/04	7233	270	148	33	46785	DPE
12/26/04	7446	134	125	34	64275	DPE
12/31/04	7566	100	113	32	71789	DPE
01/07/05	7683	120	128	36	80163	DPE
01/11/05	7821	130	146	32	91641	DPE (STOP OPERATION)